



Windows PowerShell Get-Help on Cmdlet 'Remove-AzSynapseRoleAssignment'

PS:\>Get-HELP Remove-AzSynapseRoleAssignment -Full

NAME

Remove-AzSynapseRoleAssignment

SYNOPSIS

Deletes a Synapse Analytics role assignment.

SYNTAX

```

Remove-AzSynapseRoleAssignment [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Item
<System.String>] [-ItemType {ApacheSparkPool | IntegrationRuntime | LinkedService | Credential}] [-PassThru]
-RoleDefinitionName <System.String> -SignInName
<System.String> -WorkspaceName <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Remove-AzSynapseRoleAssignment [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Item
<System.String>] [-ItemType {ApacheSparkPool | IntegrationRuntime | LinkedService | Credential}] -ObjectId
<System.String> [-PassThru] -RoleDefinitionName
<System.String> -WorkspaceName <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

```

Remove-AzSynapseRoleAssignment [-AsJob] [-DefaultProfile]

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Item
 <System.String>] [-ItemType {ApacheSparkPool | IntegrationRuntime | LinkedService | Credential}] -ObjectId
 <System.String> [-PassThru] -RoleDefinitionId
 <System.String> -WorkspaceName <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

Remove-AzSynapseRoleAssignment [-AsJob] [-DefaultProfile]

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Item
 <System.String>] [-ItemType {ApacheSparkPool | IntegrationRuntime | LinkedService | Credential}] [-PassThru]
 -RoleDefinitionName <System.String> -ServicePrincipalName
 <System.String> -WorkspaceName <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

Remove-AzSynapseRoleAssignment [-AsJob] [-DefaultProfile]

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Item
 <System.String>] [-ItemType {ApacheSparkPool | IntegrationRuntime | LinkedService | Credential}] [-PassThru]
 -RoleDefinitionName <System.String> -SignInName
 <System.String> -WorkspaceObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace> [-Confirm]
 [-WhatIf] [<CommonParameters>]

Remove-AzSynapseRoleAssignment [-AsJob] [-DefaultProfile]

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Item
 <System.String>] [-ItemType {ApacheSparkPool | IntegrationRuntime | LinkedService | Credential}] -ObjectId
 <System.String> [-PassThru] -RoleDefinitionName
 <System.String> -WorkspaceObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace> [-Confirm]
 [-WhatIf] [<CommonParameters>]

Remove-AzSynapseRoleAssignment [-AsJob] [-DefaultProfile]

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Item
 <System.String>] [-ItemType {ApacheSparkPool | IntegrationRuntime | LinkedService | Credential}] -ObjectId
 <System.String> [-PassThru] -RoleDefinitionId
 <System.String> -WorkspaceObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace> [-Confirm]
 [-WhatIf] [<CommonParameters>]

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Remove-AzSynapseRoleAssignment [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Item
<System.String>] [-ItemType {ApacheSparkPool | IntegrationRuntime | LinkedService | Credential}] [-PassThru]
-RoleDefinitionName <System.String> -ServicePrincipalName
<System.String> -WorkspaceObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace> [-Confirm]
[-WhatIf] [<CommonParameters>]

```

```

Remove-AzSynapseRoleAssignment [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]
-RoleAssignmentId <System.String> -WorkspaceName <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Remove-AzSynapseRoleAssignment [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]
-RoleAssignmentId <System.String> -WorkspaceObject
<Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace> [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The Remove-AzSynapseRoleAssignment cmdlet permanently deletes an Azure Synapse Analytics role assignment.

The cmdlet may call below Microsoft Graph API according to input parameters:

* GET /users/{id}

* GET /servicePrincipals/{id}

>[!Note] > To removing a role assignment for a service principal, pass the object ID of the principal in the ObjectId parameter.

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Item <System.String>

The item of Azure Synapse workspace.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ItemType <Microsoft.Azure.Commands.Synapse.Models.SynapseConstants+WorkspaceItemType>

The itemtype of Azure Synapse workspace.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ObjectId <System.String>

The Microsoft Entra ObjectId of the User, Group or Service Principal.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-PassThru <System.Management.Automation.SwitchParameter>

This Cmdlet does not return an object by default. If this switch is specified, it returns true if successful.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-RoleAssignmentId <System.String>

The ID of the role assignment.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RoleDefinitionId <System.String>

Id of the Role that is assigned to the principal.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-RoleDefinitionName <System.String>

Name of the Role that is assigned to the principal.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ServicePrincipalName <System.String>

The ServicePrincipalName of the service principal.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-SignInName <System.String>

The email address or the user principal name of the user.

Required? true
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-WorkspaceName <System.String>

Name of Synapse workspace.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-WorkspaceObject <Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace>

workspace input object, usually passed through the pipeline.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false

Position? named

Default value False

Accept pipeline input? False
Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see about_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

INPUTS

Microsoft.Azure.Commands.Synapse.Models.PSSynapseWorkspace

OUTPUTS

System.Boolean

NOTES

----- Example 1 -----

```
Remove-AzSynapseRoleAssignment -WorkspaceName ContosoWorkspace -RoleAssignmentId  
ContosoRoleAssignmentId
```

This command deletes an Azure Synapse Analytics role assignment with a role assignment Id.

----- Example 2 -----

```
Remove-AzSynapseRoleAssignment -WorkspaceName ContosoWorkspace -RoleDefinitionName ContosoRole  
-SignInName ContosoName
```

This command deletes an Azure Synapse Analytics role assignment at workspace level with a role name and a user principal name.

----- Example 3 -----

```
Remove-AzSynapseRoleAssignment -WorkspaceName ContosoWorkspace -RoleDefinitionName ContosoRole  
-SignInName ContosoName -ItemType ContosoItemType -Item ContosoItem
```

This command deletes an Azure Synapse Analytics role assignment with a role name, a user principal name, a item type and a item.

----- Example 4 -----

```
$ws = Get-AzSynapseWorkspace -Name ContosoWorkspace  
$ws | Remove-AzSynapseRoleAssignment -RoleAssignmentId ContosoRoleAssignmentId
```

This command deletes an Azure Synapse Analytics role assignment with a role assignment Id through pipeline.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.synapse/remove-azsynapseroleassignment>